GOVERNMENT OF INDIA
COMMUNICATIONS
LOK SABHA

STARRED QUESTION NO:338
ANSWERED ON:17.04.2000
NEW TECHNOLOGIES AND DIGITAL MICROWAVE SYSTEM
SHEELA GAUTAM;SHIVRAJ SINGH CHOUHAN

Will the Minister of COMMUNICATIONS be pleased to state:

(a) Whether the government have decided to engage the India based multi-national companies to install new technology and digital microwave system in the telecom transmission network;

(b) if so, the details thereof;

(c) The criteria adopted for identifying new technologies and digital microwave system;

(d) The proposed telecom coverage & benefits likely to be accrued by adopting these new technologies; and

(e) The details of programme chalked out for execution of this scheme?

Answer

MINISTER OF COMMUNICATIONS

(SHRI RAM VILAS PASWAN)

(a) to (e) A statement is laid on the Table of the House.

STATEMENT IN RESPECT OF PARTS (a) to (e) OF LOK SABHA STARRED QUESTION NO. 338 FOR 17TH APRIL REGARDING NEW TECHNOLOGIES AND DIGITAL MICROWAVE SYSTEM

There is no proposal to engage the India based multi-national companies to install new technology and digital microwave system in the telecom transmission network .
The new technologies should be state of art, capable of meeting the traffic requirements, suitable for the areas where the equipments are to be deployed and cost effective.
The new technologies selected for the Department of Telecom Services (DTS) network viz. Synchronous Digital Hierarchy (SDH) systems on optical fibre, Dense Wavelength Division Multiplexing(DWDM) systems and SDH microwave systems would enable DTS to provide world class telecom service to all parts of our country. The benefits would be augmentation of the DTS network to meet the increasing demands for voice, FAX, data and Internet services.
The action plan for execution of new technologies and digital microwave are as follows:

(i) Under Sanchar Sagar Phase-I Project, 10 rings of 2.5 Gbps (Giga bits per second)SDH optical fibre systems covering approximately 17000 route kilometers are under execution & six rings have been commissioned during 1999-2000.

(ii) Under Sanchar Sagar Phase-II Project, 30 rings of 2.5 Gbps systems are planned to be commissioned by March 2001.

(iii) Approximately 3000 Route Kilometers of 20 Gbps DWDM systems are planned for 2000-2001.

(iv) 155Mbps (Mega bits per second) SDH digital microwave systems are being inducted in a big way and more than 500 TRs(Transmitters -Receivers) have been commissioned during last two years.